Abstract of the Disclosure

A method and apparatus for treating Alzheimer's disease is disclosed. The method comprises delivering indomethacin or nonsteroidal anti-inflammatory agents having cyclooxygenase inhibitor action directly to the hippocampus or the lateral ventricle through an implanted catheter. The catheter has a flexible distal end that is implanted directly in the hippocampus or lateral ventricle as the preferred embodiment. The distal end has either a porous tip or a closed end. Where the distal end is closed, or a plurality of elution holes are present indomethacin is delivered to the hippocampus or lateral ventricle through either the porous tip or the elution holes. The catheter is part of a system for delivering indomethacin or nonsteroidal anti-inflammatory agents having cyclooxygenase inhibitor action to the hippocampus or lateral ventricle that includes a pump coupled to the catheter for delivering the indomethacin or nonsteroidal anti-inflammatory agents having cyclooxygenase inhibitor action through the catheter to the hippocampus or lateral ventricle.